

## REMARKS

1. In response to the final Office Action mailed June 10, 2004, Applicant respectfully requests reconsideration. Claims 58-78 were last presented for examination in this application. In the outstanding Office Action claims 58-78 were rejected. By the foregoing Amendments, claims 58, 62, 63, 67, 68, 69, 74 and 75 have been amended. Claims 66, 77 and 78 have been canceled. No claims have been added. Thus, upon entry of this paper, claims 58-65 and 67-76 will be pending in this application. Of these 18 claims, two (2) claims (claims 58 and 68) are independent. Based on the above Amendments and following Remarks, Applicant respectfully requests that the outstanding objections and rejections be reconsidered, and that they be withdrawn.
2. Applicant asserts that the foregoing amendments, with the exception of the cancellation of claim 66, have not been made in response to any rejection. These amendments make explicit that which is implicit and do not narrow the scope of the claims in any way.
3. The Examiner notes in the outstanding Office Action that claims 65 and 66 are duplicated claims. Applicant has, therefore, canceled claim 66 to resolve this issue. Applicant respectfully requests that this objection be withdrawn.
4. In the Response to Arguments, the Examiner asserts that the term "signal measurement system" is a broad subject which "can easily apply to the current references." Applicant respectfully disagrees. The term signal measurement system is defined in the first paragraph of the Background of Applicant's application:

Conventional signal measurement systems such as digital oscilloscopes sample, record and display time-varying analog signals. Samples of an input signal are taken and quantized, and the resultant digital representations are stored in a waveform memory under the control of a sampling clock. The acquired data may be subsequently read out as locations in memory are sequentially addressed by a clock signal to provide digital data that can be converted to a time-varying output signal for a waveform display. The sampling clock may be operated at one of several selectable rates depending upon the frequency content of the input signal. The selection of the portion of the analog input signal sampled and stored is determined by appropriate triggering circuitry to enable the operator to display the desired portion of the waveform."

(See, Applicant's application, page 1, lines 19-28.)

5. The Examiner asserts that the term “signal measurement system” applies to the references relied upon by the Examiner. This is incorrect. Hugh teaches a general purpose computer, as shown in FIG. 1 of Hugh, and as stated in the first paragraph of Hugh’s Abstract: “An effect method and apparatus for organizing and processing chunks of interrelated information “or “thoughts”) using a digital computer is disclosed.” Similarly, Pritt teaches that “the invention is designed for implementations on a personal computer (PC), workstation, notebook computer, personal digital assistant or other computer system.” (See, Pritt, col. 2, lns. 29-32.) Neither references teaches or suggests being implemented in a system that sample, record and display time-varying analog signals; that is, a signal measurement system.

6. The Examiner also asserts that the term “waveform” is similarly broad and covers that which is taught by the references relied on by the Examiner. Applicant respectfully disagrees with this assertion as well. As noted above and throughout Applicant’s application, a waveform is a time-varying output signal that is displayed on the waveform display and which is derived from samples of the above-noted time-varying analog signals. Neither Hugh nor Pritt teach or suggest displaying waveforms. Hugh, as noted, is directed to a thought network. Figure 4 of Pritt, which is specifically cited by the Examiner, also does not display a waveform as claimed by Applicant. In Figure 4 of Pritt a view of the universe is illustrated, with various stars and planets identified. The displayed portion of Pritt which the Examiner asserts is a waveform is, presumably, the curved line depicted at the bottom of the display. This is not a waveform but rather a line indicating the trajectory of “star 52 (SAO 186841).” Thus, neither Hugh nor Pritt display Applicant’s waveforms as asserted by the Examiner.

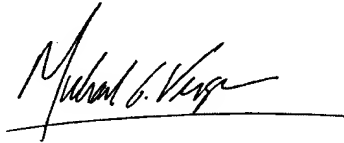
7. Claims 58-67 and 74 were rejected under 35 U.S.C. 103(a) as being unpatentable over Hugh in view of Pritt. Without acceding to the propriety of the rejections, Applicant respectfully asserts that the Examiner’s continued reliance on Hugh and Pritt is improper. Specifically, the Section 103 rejections fail to set out a proper basis for the rejections since the rejections rely on the above misinterpretation of Applicant’s claimed invention. Further, Applicant asserts that the proposed motivation for combining Hugh and Pritt is improper. Specifically, the Examiner asserts that because Pritt teaches a method for placing annotations on a display without overlap, that one of ordinary skill in the art would be motivated to combine the teachings of Pritt to the teachings of Hugh. Hugh, as noted, is directed to a thought network. Nothing suggests that Hugh must contend with overlapping annotations. In fact, Hugh apparently addresses overlapping annotations in some unmentioned manner as the

issue is not addressed in Hugh despite the number of display elements, including annotations, that are displayed in Hugh.

8. Thus, there is no motivation to combine Hugh and Pritt, let alone that they be combined in the manner concerned. And, even if they were combined, the resulting combination would fail to contain all the elements of Applicant's claimed invention. Therefore, Applicant respectfully asserts that the Section 103 rejection based on Hugh and Pritt is improper and should be withdrawn. However, to facilitate prosecution, the claims have been amended to correct various informalities and to clarify the terms "signal measurement system" and "waveform," as well as the correlation between the annotation labels and the waveforms.

9. In view of the foregoing, this application should be in condition for allowance. A notice to this effect is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael G. Verga", written over a horizontal line.

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Michael G. Verga  
Reg. No. 39,410

August 10, 2004